

Work Order ID 67928

Tuesday, April 05, 2011 9:59:02 AM

Page 1

Item ID: D3684-043

Accept

Setup Start

Revision ID:

Stop

Item Name: MOUNT ASSEMBLY

Start Date: 4/4/2011 Start Qty: 2.00

Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 2.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3684

Rev D

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

SB 11/07/04

(1)

110

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

1-Use anti-seize compound Tectly 502c Class 1, Mil-PRF-16173E or equivalent on thread and assemble as per dwg D3684 □2-Assemble D3684-049 & D3687-1 Using Sikaflex -241/-291 between mating surfaces as per Dwg D3684□***Ensure holes for AN3C Bolts are free o

SB 11/07/04

(1)

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

SB 11/07/04

(40)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 67928

Tuesday, April 05, 2011 9:59:02 AM



Page 2

Item ID: D3684-043

Accept



Setup Start



Revision ID:

Stop



Item Name: MOUNT ASSEMBLY

Start Date: 4/4/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: T1

0.00



Packaging

Memo

0.00

Packaging

11/7/65 (12)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/7/65 (12)

MF

11-07-06

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Tuesday, April 05, 2011 9:59:08 AM

Page 1

Work Order ID: 67928

Parent Item: D3684-043

Parent Item Name: MOUNT ASSEMBLY





Start Date: 4/4/2011

Required Date: 4/8/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A new issue 08-02-12 DD verified by:LL
 IPP Rev:B As per Rev B 09-01-07 JLM Verified By:EC IPP
 REV:C AS PER REV D 10-03-16 JLM VERIFIED BY:EC
 IPP Rev:C Added sealant note as per Rev C 09-01-20 JLM Verified By:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C12A  Bolts		Purchased	No			110	Each	41.0000	4	8			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST351				41		M11F794			
				116924				41			4		
D3684-047  FWD LEG ASS'Y		Manufactured	No			110	Each	2.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				2		B63386			
				62982				2					
D3684-049  AFT LEG ASS'Y		Manufactured	No			110	Each	0.0000	1	2			
										B 67927			
D3687-1  MOUNT		Manufactured	No			110	Each	3.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				3					
				61889				1			1		
				61971				2					

SB 11/07/04

SB 11/07/04

SB 11/07/04

SB 11/07/04

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Picklist Print

Tuesday, April 05, 2011 9:59:08 AM

Page 2

Work Order ID: 67928

Parent Item: D3684-043

Parent Item Name: MOUNT ASSEMBLY

Start Date: 4/4/2011

Required Date: 4/8/2011

Start Qty: 2.00

Required Qty: 2.00

D3692-1

Manufactured

No

110

Each

225.0000

8

16



SPACER



SB 11/07/04

Location

Loc Qty

Loc Code

ST075

225

51467

225

8

MS21043-3

Purchased

No

110

Each

1,072.000

4

8



SB 11/07/04

Nut

Location

Loc Qty

Loc Code

FG

80

103691

80

FP-B

16

112314

16

ST301

976

112314

976

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

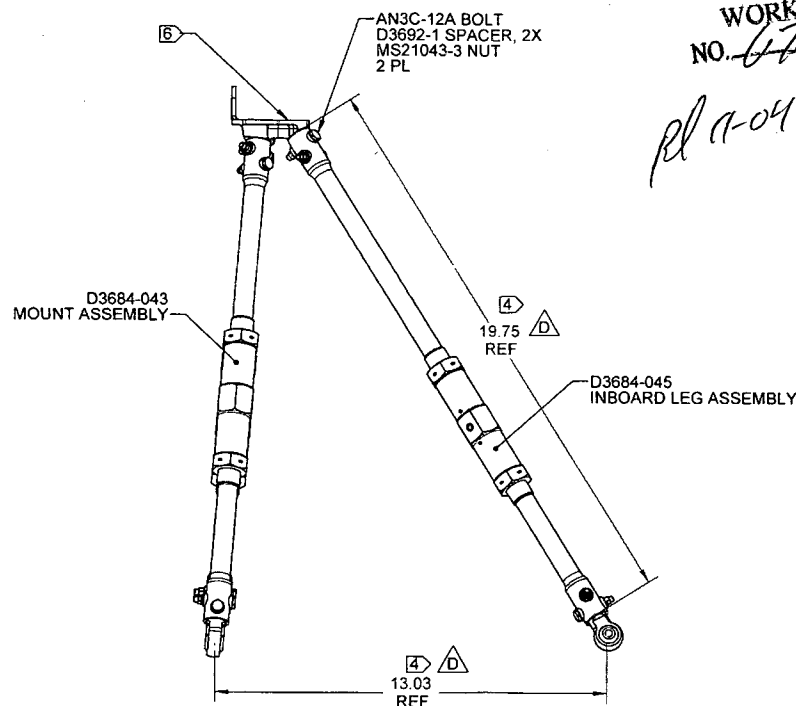
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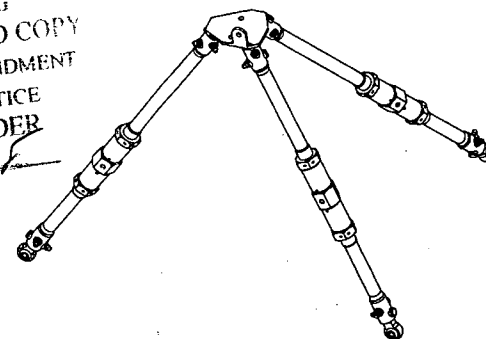
ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D3684-041	TRIPOD MOUNT ASSEMBLY
2	1	D3684-043	MOUNT ASSEMBLY
3	1	D3684-045	INBOARD LEG ASSEMBLY
4	4	D3692-1	SPACER
5	2	AN3C-12A	BOLT
6	2	MS21043-3	NUT



NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSIONS SHOWN ARE WHEN D3688-1/-3/-5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
- 5) WEIGHT: 9.9 lbs
- 6) ASSEMBLE D3684-045 WITH D3684-043 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT
- 7) ASSEMBLY SHOWN FOR REF ONLY, -041 IS PACKAGED UNASSEMBLED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *67925*



RELEASED
2010-03-15
mf

D	13.03 WAS 13.10 (ZN B5-1); 19.75 WAS 19.87 (ZN C4-1); 19.40 WAS 19.52 (ZN C6-2); 17.15 WAS 17.27 (ZN C4-2); 19.85 WAS 20.24 (ZN B5-2); 20.96 WAS 21.09 (ZN C5-3); 20.62 WAS 20.74 (ZN C5-4); 18.37 WAS 18.49 (ZN C6-3)	RF	10.03.03
C	NOW ASSEMBLED USING SEALANT (ZN A8-1, D8-1, A8-2, D4-2, A8-3, B4-3, A8-4, B4-4, A8-5, B5-5); ASSEMBLY NOW SHOWN FOR REF ONLY (ZN A8-1, A4-1)	RF	08.12.15
B	19.52 WAS 19.50 (ZN C6-2); 9.20 WAS 9.70 (ZN C6-2); 20.74 WAS 21.24 (ZN C5-4); 6.95 WAS 6.88 (ZND5-5); MODIFIED PER PROTOTYPE INSTALLATION; REFORMATTED TO CURRENT DWG STANDARDS	RF	08.11.24
A	NEW ISSUE	RF	08.05.22
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	#		
MFG. APPR.	#		
APPROVED	#		
DE APPR.	#		
DATE	10.03.03		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3684** REV. D
SHEET 1 OF 5
TITLE **TRIPOD MOUNT ASSY** SCALE NTS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

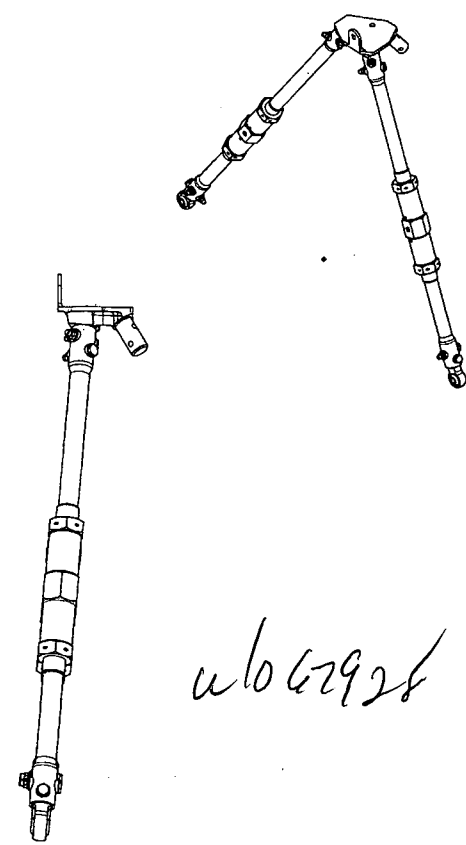
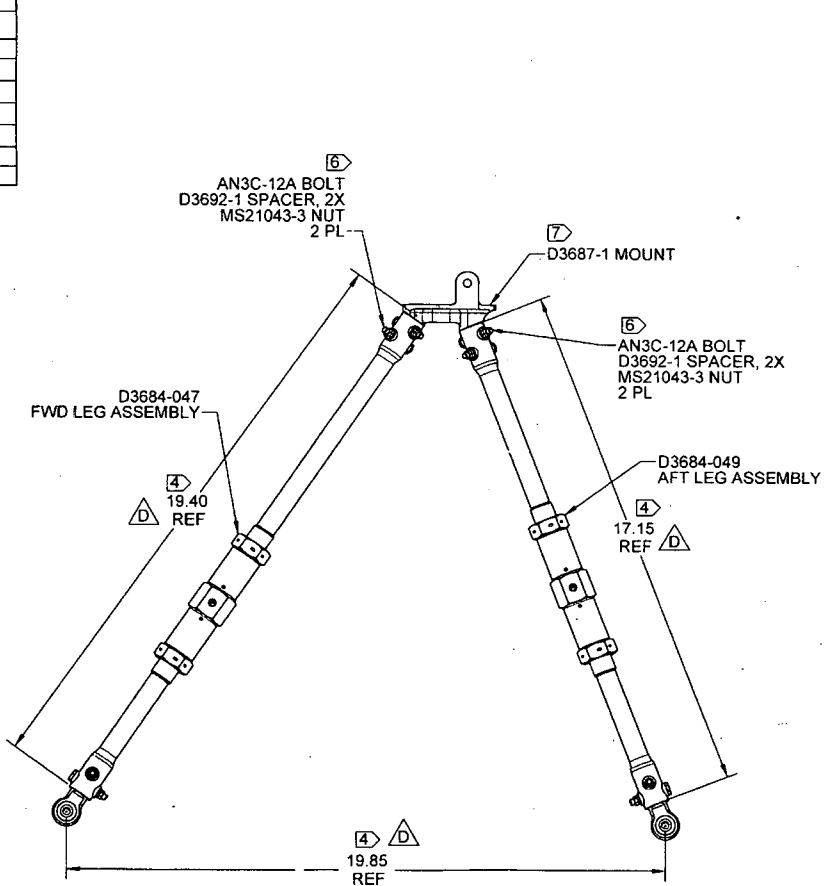
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D3684-043	MOUNT ASSEMBLY
2	1	D3687-1	MOUNT
3	1	D3684-047	FWD LEG ASSY
4	1	D3684-049	AFT LEG ASSY
5	8	D3692-1	SPACER
6	4	AN3C-12A	BOLT
7	4	MS21043-3	NUT



u662928

RELEASE
R 2010-03-15

D3684-043 MOUNT ASSEMBLY

- NOTES:**
- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 2) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-043 USING FINE POINT PERMANENT INK MARKER
 - 4) DIMENSIONS SHOWN ARE WHEN D3688-1/-3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
 - 5) WEIGHT: 6.6 lbs
 - 6) TORQUE FASTENERS TO 20-25 in-lbs
 - 7) ASSEMBLE D3684-047 & D3684-049 WITH D3687-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO. D3684	REV. D
MFG. APPR.			SHEET 2 OF 5
APPROVED		TITLE TRIPOD MOUNT ASSY	SCALE
DE APPR.			NTS
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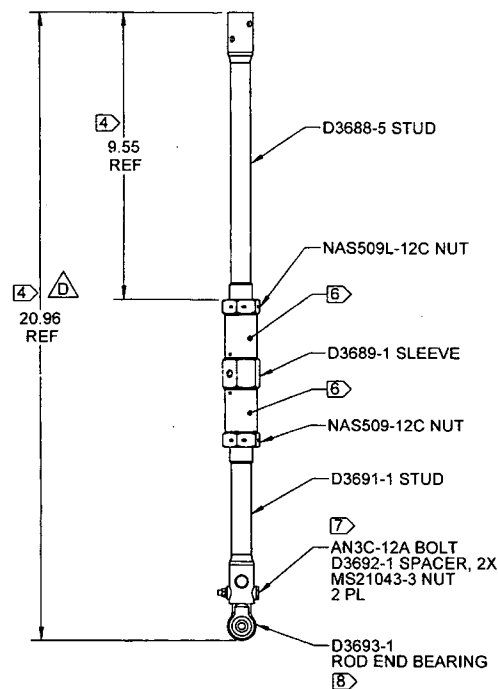
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D3684-045	INBOARD LEG ASSEMBLY
2	1	D3688-5	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-045 INBOARD LEG ASSEMBLY

W6047928

RELEASED
2010-03-15

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-045 USING FINE POINT PERMANENT INK MARKER
- 4) DIMENSION SHOWN IS WHEN D3688-5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.1 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
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MFG. APPR.			SHEET 3 OF 5
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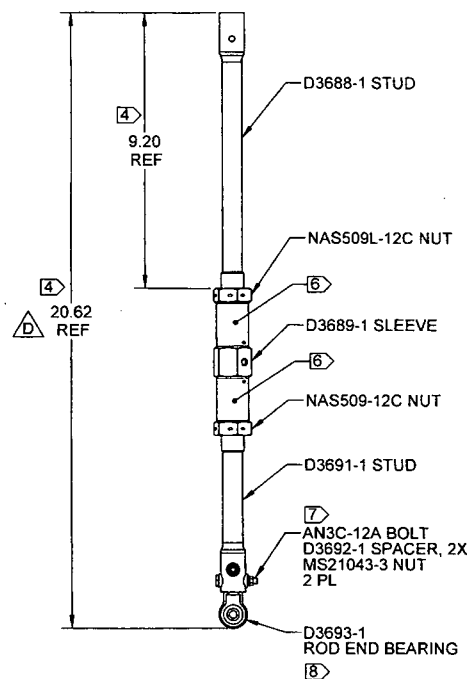
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -047	PART NUMBER	DESCRIPTION
1	X	D3684-047	FWD LEG ASSEMBLY
2	1	D3688-1	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-047 FWD LEG ASSEMBLY

u 10 67928

RELEASED
2010-03-15
WP

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSION SHOWN IS WHEN D3688-1 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.09 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

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CHECKED	<i>[Signature]</i>	DRAWING NO. D3684	REV. D
MFG. APPR.	<i>[Signature]</i>	SHEET 4 OF 5	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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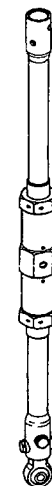
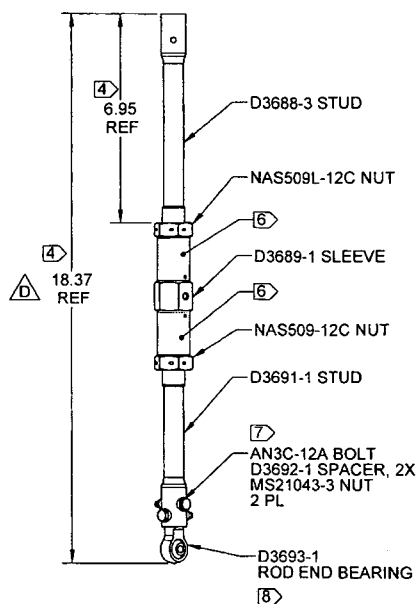
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NOTE: Date & initial all entries

ITEM	QTY -049	PART NUMBER	DESCRIPTION
1	X	D3684-049	AFT LEG ASSEMBLY
2	1	D3688-3	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT







D3684-049 AFT LEG ASSEMBLY

u/b 67928

RELEASED
2010-03-15

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- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
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- 3) IDENTIFICATION: NONE
- 4) DIMENSION SHOWN IS WHEN D3688-3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 2.86 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D3684	SHEET 5 OF 5
APPROVED		TITLE	SCALE
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